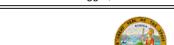
DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials Quality Assurance and Source Inspection

Bay Area Branch 690 Walnut Ave.St. 150 Vallejo, CA 94592-1133 (707) 649-5453 (707) 649-5493



Contract #: 04-0120F4

Cty: SF/ALA Rte: 80 PM: 13.2/13.9

File #: 69.28

WELDING INSPECTION REPORT

Resident Engineer: Pursell, Gary **Report No:** WIR-008512 Address: 333 Burma Road **Date Inspected:** 06-Aug-2009

City: Oakland, CA 94607

OSM Arrival Time: 700 **Project Name:** SAS Superstructure **OSM Departure Time:** 1900 **Prime Contractor:** American Bridge/Fluor Enterprises, a JV

Contractor: Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

CWI Name: CWI Present: Yes Li Zhi jiang/SunWei No **Inspected CWI report:** Yes N/A **Rod Oven in Use:** Yes No No N/A N/A **Electrode to specification:** Yes No Weld Procedures Followed: Yes No N/A N/A **Qualified Welders:** Yes No **Verified Joint Fit-up:** Yes No N/A N/A Yes N/A **Approved Drawings:** Yes No **Approved WPS:** No Yes No N/A **Delayed / Cancelled:**

34-0006 **Bridge No: Component: OBG** Components

Summary of Items Observed:

On this date Caltrans Quality Assurance (QA) Inspector, Lonnie Whitehead, was present during the times noted above for observations relative to the work being performed.

BAY#1

This QA Inspector observed the following work in progress:

F.C.A.W. welding of weld joint number 002 located on CW001B-PP068. Welder is identified as 059450. ZPMC QC is identified as Wang Liang. The welding variables recorded by QC appeared to comply with the Applicable WPS.

BAY#2

This QA inspector observed the following work in progress:

S.A.W. welding of weld joint numbers 017 and 018 located on FB3095-001. Welder is identified as 045265. ZPMC QC is identified as Wang Liang. The welding variables recorded by QC appeared to comply with the Applicable WPS.

S.A.W. welding of weld joint numbers 016 and 017 located on FB3092-001. Welder is identified as 045265. ZPMC QC is identified as Zhang Hai Feng. The welding variables recorded by QC appeared to comply with the Applicable WPS.

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

S.A.W. welding of weld joint numbers 017 and 018 located on FB3013-001. Welder is identified as 207237. ZPMC QC is identified as Wang Liang. The welding variables recorded by QC appeared to comply with the Applicable WPS.

This QA inspector verified that the required Non Destructive Testing (NDT) had been completed on the following components for green tags to be issued by ABF.

COMPONENT GREEN TAG#

LD015-030	008980
LD015-031	008981
LD015-032	008982
LD016-030	008983
LD016-031	008984
LD016-032	008985
LD017-017	008986
LD017-018	008987
LD018-017	008988
LD018-018	008989

BAY#3

This QA inspector observed the following work in progress:

Fit up and S.M.A.W. tack welding of weld joint numbers 038 and 039 located on FB204-041. Welder is identified as 055562. ZPMC QC is identified as Zhang Yaxu. The welding variables recorded by QC appeared to comply with the Applicable WPS.

Fit up and S.M.A.W. tack welding of weld joint numbers 043 and 044 located on FB204-042. Welder is identified as 055562. ZPMC QC is identified as Zhang Yaxu. The welding variables recorded by QC appeared to comply with the Applicable WPS.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

No relevant conversations.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang (15000422372), who represents the Office of Structural Materials for your project.

Inspected By:	Whitehead,Lonnie	Quality Assurance Inspector
Reviewed By:	Carreon, Albert	QA Reviewer